



APR 10 1984

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

REGION VII
324 EAST ELEVENTH STREET
KANSAS CITY, MISSOURI - 64106

FACT SHEET

for

McDonnell Douglas Corporation - St. Louis Tract I
St. Louis, Missouri
March 30, 1984

This fact sheet is prepared for a Draft Resource Conservation and Recovery Act (RCRA) Storage Permit, which the U.S. Environmental Protection Agency (EPA) may issue to McDonnell Douglas Corporation - St. Louis Tract I, St. Louis, Missouri. This fact sheet is being prepared in accordance with the requirements of 40 Code of Federal Regulation (CFR) 124.8.

I. Purpose Of The Permitting Process

The purpose of the permitting process is to afford interested citizens and other governmental agencies the opportunity to evaluate the ability of the Permittee, McDonnell Douglas Corporation - St. Louis Tract I, to comply with the applicable hazardous waste management requirements promulgated under RCRA. EPA is required to prepare a draft permit which sets forth in one concise document all the applicable requirements with which the agency intends to require the Permittee to comply during the ten year duration of the permit. The public is given forty-five days to review the application and comment on the draft permit conditions prior to EPA taking any final permitting action on the application for a hazardous waste management permit.

II. Procedures For Reaching A Final Decision

The issuance of a hazardous waste permit to the McDonnell Douglas Corporation - St. Louis Tract I in St. Louis, Missouri will be conducted by both the EPA and the Missouri Department of Natural Resources (MDNR). At this time each agency has regulations which require a permit to be issued for all facilities which treat, store, or dispose of hazardous waste. If the State receives Phase II Component B interim authorization for the Federal hazardous waste program, the State will assume the administration of the Federal hazardous waste permitting program.

Section 7004(b) of RCRA and 40 CFR §124.10 require that the public be given at least a forty-five (45) day comment period for each draft permit prepared under the Resource Conservation and Recovery Act. The comment period will begin on the date of publication of the public notice in a major local newspaper of general circulation, April 16, 1984, and will end on June 1, 1984. Any person interested in commenting on the application or draft permit must do so within the comment period discussed above.


R00144284
RCRA RECORDS CENTER

All persons wishing to comment on any of the permit conditions or the permit application should submit the comments in writing to the Environmental Protection Agency (EPA) at 324 East Eleventh Street, Kansas City, Missouri 64106, Attention: Stephen P. Busch, Waste Management Branch.

The EPA Regional Administrator will make the determination regarding the issuance of a Federal hazardous waste permit to McDonnell Douglas Corporation - St. Louis Tract I at the close of the public comment period. The EPA Regional Administrator will consider all written comments received by EPA during the comment period, all the requirements of the hazardous waste regulations of 40 CFR Parts 124, 260-264 and 270, the Agency's permitting policies, and all verbal comments received at a public hearing. If significant public interest is expressed by June 1, 1984, in holding the public hearing, a hearing will be scheduled. Requests for the public hearing must be submitted to EPA in writing.

When the Regional Administrator makes his final permit decision, notice will be given to the applicant, to each person who submits written comments, to each person who comments at the public hearing, and to each person who requests notice of the final permit decision. If none of the comments requests a change in the draft permit conditions, the permit will become effective immediately upon issuance of the permit. If comments received during the comment period requests changes in the draft permit conditions, then the final permit will become effective thirty (30) days after service of notice of the decision or at a later date if a review is requested under 40 CFR §124.19.

The EPA Contact Person for the McDonnell Douglas Corporation - St. Louis Tract I Draft Permit is:

Stephen P. Busch
U.S. Environmental Protection Agency
Waste Management Branch
324 East 11th Street
Kansas City, Missouri 64106

Phone: (816) 374-6531

Comment Period: April 16, 1984 through June 1, 1984
Public Hearing: To be scheduled, if significant public
interest is expressed.

The administrative record (draft permit, permit application, and relevant correspondence) is available for public examination at the following locations from April 16, 1984 to June 1, 1984.

Florissant Valley Branch of
St. Louis County Public Library
Attention: Reference Librarian
195 South Florissant Road
Florissant, Missouri 63031
Monday-Friday: 8:30 a.m. to 9:00 p.m.
and Saturday: 8:30 a.m. to 6:00 p.m.

U.S. Environmental Protection Agency Library
324 East 11th Street (11th and Oak Street)
Kansas City, Missouri 64106
Monday through Friday: 7:30 a.m. to 4:30 p.m.

III. Facility Description

The McDonnell Douglas Corporation - St. Louis Tract I has applied for a RCRA hazardous waste permit to operate existing waste storage facilities at their St. Louis facility located at Brown Road and Lindbergh in Hazelwood, Missouri. Storage facilities consist of container and tank storage. Storage facilities regulated by EPA are as follows:

<u>Storage Area</u>	<u>Waste Description</u>	<u>Capacity</u>
Container Storage Area No. 1, Section 1	Acids and Alkalis Storage	112 - 55 gal. drums
Container Storage Area No. 1, Section 2	Paint Sludge, Oils and Solvent Storage	224 - 55 gal. drums
Container Storage Area No. 2	Sulfides and Cyanides Storage	31 - 55 gal. drums
Container Storage Area No. 3	Explosives Storage Building	No free liquids stored at this location - equivalent of 30,300 gal.
Tank Storage Bldg. 14 Sludge Holding Tank	Wastewater Treatment Sludges	120,000 gallon concrete tank
Tank Storage Bldg. 52 Tanks H-1, H-2, H-3, H-4, H-5, and H-6	Acid Storage	Six, 750-gallon polyethylene tanks
Tank Storage Bldg. 52 Tanks H-12, H-13, H-14, H-15, and H-16	Acid Storage	Five, 500-gallon polyethylene tanks

IV. Permit Organization

The permit is organized in the following manner:

<u>Section</u>	<u>Description</u>
Cover Sheet	sets forth basic legal authority
Section I - Standard Conditions	general permit conditions which are the regulatory requirements specified in 40 CFR 270
Section II - General Facility Conditions	general facility permit conditions which are the regulatory requirements specified in 40 CFR 264
Section III - Storage in Containers	specific operating conditions, limitations, procedures, and requirements implementing the regulatory requirements of 40 CFR 264, Subpart I - "Use and Management of Containers"
Section IV - Storage in Tanks	specific operating conditions, limitations, procedures, and requirements implementing the regulatory requirements of 40 CFR 264, Subpart J - "Tanks"

V. Brief Summary of the EPA Permit Conditions

In Section I of the permit, "Standard Conditions," permit conditions which are included in all RCRA permits are specified. These include many duties and requirements which, for example, require the Permittee to comply with all permit conditions, provide relevant information to EPA when requested, properly operate and maintain all facilities, conduct monitoring and record results, and notify EPA of any changes which would alter the facility. For additional information on these and other conditions of Section I, see the draft permit or contact the EPA contact previously specified.

In Section II, "General Facility Conditions," permit conditions which are general in nature are specified, yet they may have site specific application. Conditions in this section require the Permittee to design and operate the facility properly, inspect equipment regularly, analyze the waste so proper storage and treatment will be provided, and be prepared to handle an emergency if it should arise. For additional information on these and other permit conditions in Section II, see the draft permit or contact the EPA coordinator previously specified.

Specific performance standards are provided in Section III and Section IV, "Storage in Containers" and "Storage in Tanks," respectively. Section III requires proper management and use of containers for hazardous waste storage. In this section the wastes to be stored in containers, special requirements for incompatible wastes, containment requirements and container management are specified. Section IV specifies the wastes which may be stored in tanks, minimum shell thickness, general operating conditions, and other conditions which relate to proper storage tank management.

VI. Waivers

McDonnell Douglas Corporation - St. Louis Tract I has not requested any waivers from RCRA regulations; therefore, no waivers have been granted.

VII. Justification for Not Including Certain Permit Conditions

1. EPA has not included in this permit, conditions related to the 40 CFR 264.18, location standards, since the facility is not located within 61 meters of a fault which has had displacement in holocene time and since the incineration area is above the 100-year floodplain.
2. Since the Permittee has specified in the Closure Plan that all hazardous wastes will be removed and equipment will either be decontaminated or disposed of as hazardous waste, EPA has not included permit conditions requiring post-closure care and post-closure financial assurance requirements.
3. No waivers are being granted for ignitable, reactive or corrosive wastes.

FACT SHEET
for
McDonnell Douglas Corporation - St. Louis Tract I
St. Louis, Missouri
March 30, 1984

This fact sheet is prepared for a Draft Resource Conservation and Recovery Act (RCRA) Storage Permit, which the U.S. Environmental Protection Agency (EPA) may issue to McDonnell Douglas Corporation - St. Louis Tract I, St. Louis, Missouri. This fact sheet is being prepared in accordance with the requirements of 40 Code of Federal Regulation (CFR) 124.8.

I. Purpose Of The Permitting Process

The purpose of the permitting process is to afford interested citizens and other governmental agencies the opportunity to evaluate the ability of the Permittee, McDonnell Douglas Corporation - St. Louis Tract I, to comply with the applicable hazardous waste management requirements promulgated under RCRA. EPA is required to prepare a draft permit which sets forth in one concise document all the applicable requirements with which the agency intends to require the Permittee to comply during the ten year duration of the permit. The public is given forty-five days to review the application and comment on the draft permit conditions prior to EPA taking any final permitting action on the application for a hazardous waste management permit.

II. Procedures For Reaching A Final Decision

The issuance of a hazardous waste permit to the McDonnell Douglas Corporation - St. Louis Tract I in St. Louis, Missouri will be conducted by both the EPA and the Missouri Department of Natural Resources (MDNR). At this time each agency has regulations which require a permit to be issued for all facilities which treat, store, or dispose of hazardous waste. If the State receives Phase II Component B interim authorization for the Federal hazardous waste program, the State will assume the administration of the Federal hazardous waste permitting program.

Section 7004(b) of RCRA and 40 CFR §124.10 require that the public be given at least a forty-five (45) day comment period for each draft permit prepared under the Resource Conservation and Recovery Act. The comment period will begin on the date of publication of the public notice in a major local newspaper of general circulation, April 16, 1984, and will end on June 1, 1984. Any person interested in commenting on the application or draft permit must do so within the comment period discussed above.

ARWM/WMBR-PMTS:SBusch/lm:x6531:4/6/84:Disk 25

PMTS

Busch

Busch
4/9/84

PMTS

Harrington

LH
4-9-84

WMBR

Morby

LM

All persons wishing to comment on any of the permit conditions or the permit application should submit the comments in writing to the Environmental Protection Agency (EPA) at 324 East Eleventh Street, Kansas City, Missouri 64106, Attention: Stephen P. Busch, Waste Management Branch.

The EPA Regional Administrator will make the determination regarding the issuance of a Federal hazardous waste permit to McDonnell Douglas Corporation - St. Louis Tract I at the close of the public comment period. The EPA Regional Administrator will consider all written comments received by EPA during the comment period, all the requirements of the hazardous waste regulations of 40 CFR Parts 124, 260-264 and 270, the Agency's permitting policies, and all verbal comments received at a public hearing. If significant public interest is expressed by June 1, 1984, in holding the public hearing, a hearing will be scheduled. Requests for the public hearing must be submitted to EPA in writing.

When the Regional Administrator makes his final permit decision, notice will be given to the applicant, to each person who submits written comments, to each person who comments at the public hearing, and to each person who requests notice of the final permit decision. If none of the comments requests a change in the draft permit conditions, the permit will become effective immediately upon issuance of the permit. If comments received during the comment period requests changes in the draft permit conditions, then the final permit will become effective thirty (30) days after service of notice of the decision or at a later date if a review is requested under 40 CFR 6124.19.

The EPA Contact Person for the McDonnell Douglas Corporation - St. Louis Tract I Draft Permit is:

Stephen P. Busch
U.S. Environmental Protection Agency
Waste Management Branch
324 East 11th Street
Kansas City, Missouri 64106

Phone: (816) 374-6531

Comment Period: April 16, 1984 through June 1, 1984
Public Hearing: To be scheduled, if significant public
interest is expressed.

The administrative record (draft permit, permit application, and relevant correspondence) is available for public examination at the following locations from April 16, 1984 to June 1, 1984.

Florissant Valley Branch of
St. Louis County Public Library
Attention: Reference Librarian
195 South Florissant Road
Florissant, Missouri 63031
Monday-Friday: 8:30 a.m. to 9:00 p.m.
and Saturday: 8:30 a.m. to 6:00 p.m.

U.S. Environmental Protection Agency Library
324 East 11th Street (11th and Oak Street)
Kansas City, Missouri 64106
Monday through Friday: 7:30 a.m. to 4:30 p.m.

III. Facility Description

The McDonnell Douglas Corporation - St. Louis Tract I has applied for a RCRA hazardous waste permit to operate existing waste storage facilities at their St. Louis facility located at Brown Road and Lindbergh in Hazelwood, Missouri. Storage facilities consist of container and tank storage. Storage facilities regulated by EPA are as follows:

<u>Storage Area</u>	<u>Waste Description</u>	<u>Capacity</u>
Container Storage Area No. 1, Section 1	Acids and Alkalis Storage	112 - 55 gal. drums
Container Storage Area No. 1, Section 2	Paint Sludge, Oils and Solvent Storage	224 - 55 gal. drums
Container Storage Area No. 2	Sulfides and Cyanides Storage	31 - 55 gal. drums
Container Storage Area No. 3	Explosives Storage Building	No free liquids stored at this location - equivalent of 30,300 gal.
Tank Storage Bldg. 14 Sludge Holding Tank	Wastewater Treatment Sludges	120,000 gallon concrete tank
Tank Storage Bldg. 52 Tanks H-1, H-2, H-3, H-4, H-5, and H-6	Acid Storage	Six, 750-gallon polyethylene tanks
Tank Storage Bldg. 52 Tanks H-12, H-13, H-14, H-15, and H-16	Acid Storage	Five, 500-gallon polyethylene tanks

IV. Permit Organization

The permit is organized in the following manner:

<u>Section</u>	<u>Description</u>
Cover Sheet	sets forth basic legal authority
Section I - Standard Conditions	general permit conditions which are the regulatory requirements specified in 40 CFR 270
Section II - General Facility Conditions	general facility permit conditions which are the regulatory requirements specified in 40 CFR 264
Section III - Storage in Containers	specific operating conditions, limitations, procedures, and requirements implementing the regulatory requirements of 40 CFR 264, Subpart I - "Use and Management of Containers"
Section IV - Storage in Tanks	specific operating conditions, limitations, procedures, and requirements implementing the regulatory requirements of 40 CFR 264, Subpart J - "Tanks"

V. Brief Summary of the EPA Permit Conditions

In Section I of the permit, "Standard Conditions," permit conditions which are included in all RCRA permits are specified. These include many duties and requirements which, for example, require the Permittee to comply with all permit conditions, provide relevant information to EPA when requested, properly operate and maintain all facilities, conduct monitoring and record results, and notify EPA of any changes which would alter the facility. For additional information on these and other conditions of Section I, see the draft permit or contact the EPA contact previously specified.

In Section II, "General Facility Conditions," permit conditions which are general in nature are specified, yet they may have site specific application. Conditions in this section require the Permittee to design and operate the facility properly, inspect equipment regularly, analyze the waste so proper storage and treatment will be provided, and be prepared to handle an emergency if it should arise. For additional information on these and other permit conditions in Section II, see the draft permit or contact the EPA coordinator previously specified.

Specific performance standards are provided in Section III and Section IV, "Storage in Containers" and "Storage in Tanks," respectively. Section III requires proper management and use of containers for hazardous waste storage. In this section the wastes to be stored in containers, special requirements for incompatible wastes, containment requirements and container management are specified. Section IV specifies the wastes which may be stored in tanks, minimum shell thickness, general operating conditions, and other conditions which relate to proper storage tank management.

VI. Waivers

McDonnell Douglas Corporation - St. Louis Tract I has not requested any waivers from RCRA regulations; therefore, no waivers have been granted.

VII. Justification for Not Including Certain Permit Conditions

1. EPA has not included in this permit, conditions related to the 40 CFR 264.18, location standards, since the facility is not located within 61 meters of a fault which has had displacement in holocene time and since the incineration area is above the 100-year floodplain.
2. Since the Permittee has specified in the Closure Plan that all hazardous wastes will be removed and equipment will either be decontaminated or disposed of as hazardous waste, EPA has not included permit conditions requiring post-closure care and post-closure financial assurance requirements.
3. No waivers are being granted for ignitable, reactive or corrosive wastes.